

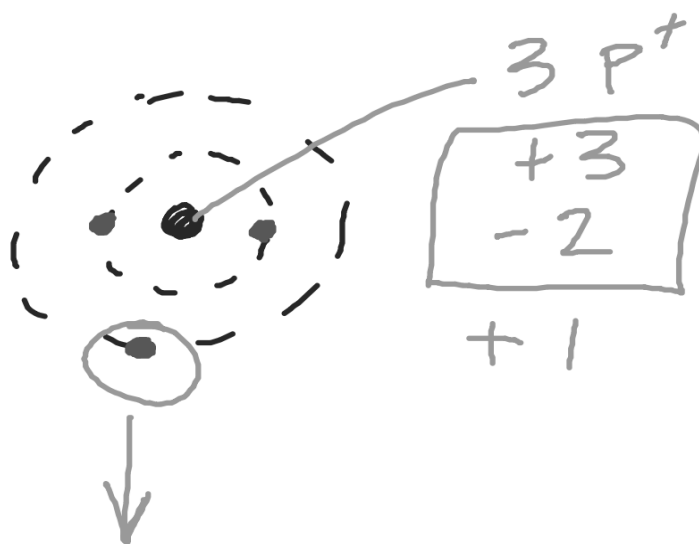
Valence electrons -  
electrons that are in the  
outer most energy level  
of an atom.

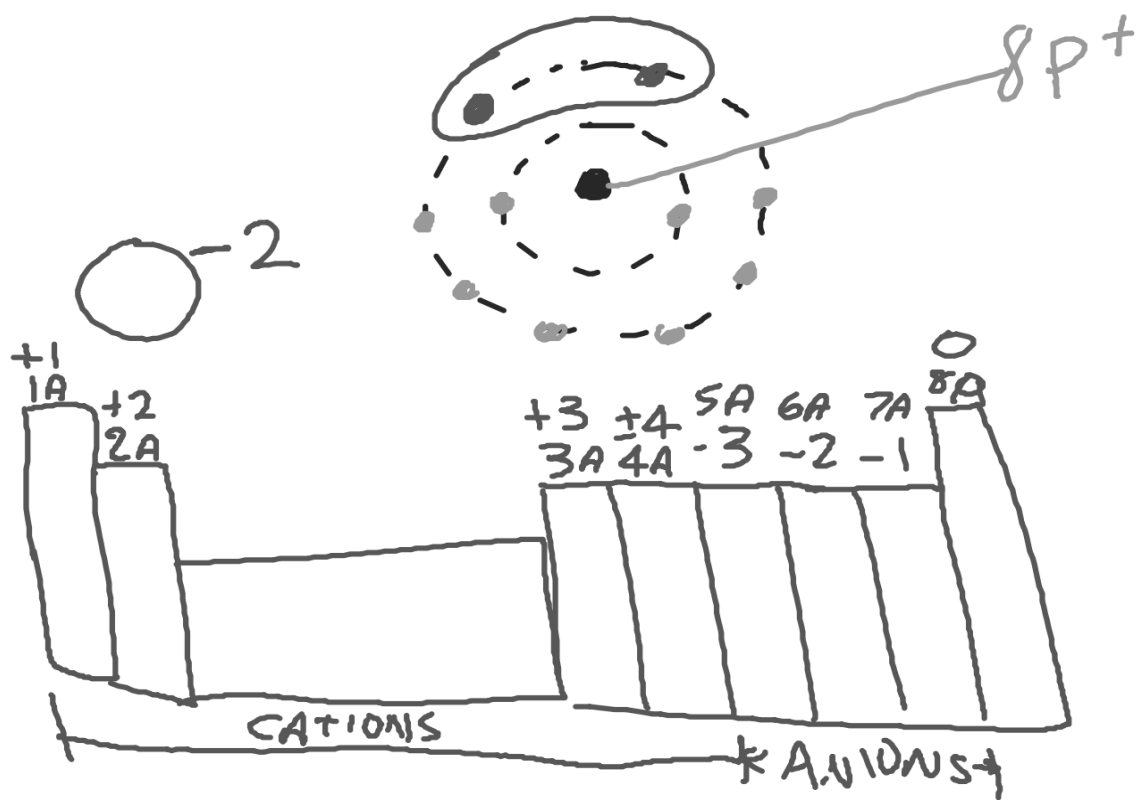
# of  $ve^-$  is equal to  
the # before the A in the  
Group #

## Rule of EIGHT

AN ATOM PRefers to  
have 8 electrons in its  
Outer Shell

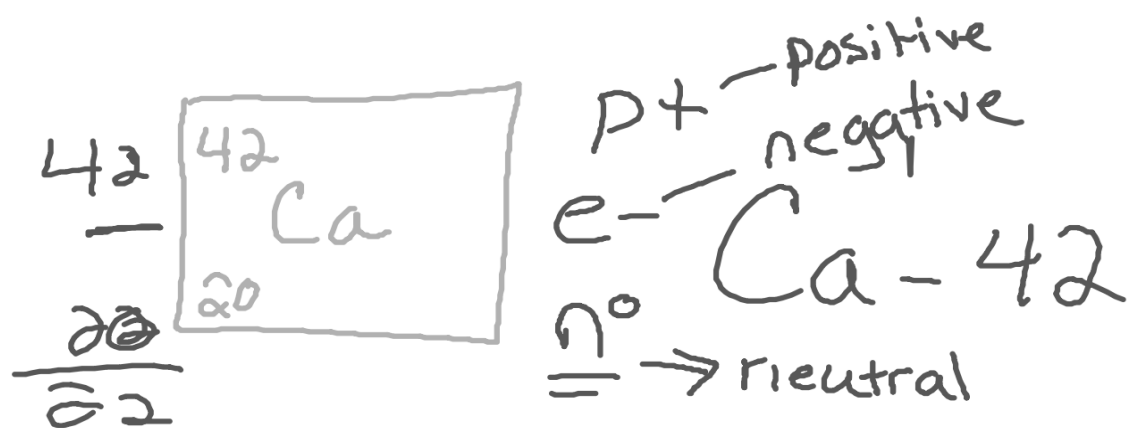
$\text{Li}^{+1}$





H<sub>2</sub>O





Atomic # 20

# of protons: 20

# of electrons: 20

# of neutrons: 22